

R E M A R K S

Claims 30 and 32-59 are presented for reconsideration.

In the Office Action, the Examiner stated that the Substitute Specification had not been entered because it did not conform with 37 CFR 1.125(b); the drawings were objected to, since element numbers h1, h3 and h4 were not present; claims 41-52 were rejected under 35 USC 112, second paragraph; claims 27-30 and 34-37 were rejected under 35 USC 102(a) as being anticipated by WO 02/061833 (hereafter referred to as "Feiertag et al"); and applicants note with appreciation that claims 31-33 and 38-40 were indicated as containing allowable subject matter.

Attached herewith is a drawing amendment, which presents a replacement sheet 1/5 containing Figs. 1, 2A, 2B and 2C with the addition of element numbers h1, h3 and h4 to Figs. 1 and 2A. Also attached herewith is an annotated sheet showing the addition of these element numbers. It is submitted that with the submission of this replacement sheet of drawings, the objection to the drawings has been overcome. It is also submitted that since the element numbers were mentioned in the claims, such as original claim 15 and claim 41, that the insertion of these element numbers into the drawings does not raise any new issues.

From a telephone conference on March 28, 2005, it is the undersigned attorney's understanding that the Examiner was entering the Substitute Specification, since the marked-up copy was discovered as being attached to the Preliminary Amendment filed on June 28, 2004.

By this amendment, the specification has been amended on page 8, line 10 of the Substitute Specification to correct a typographical error; the Substitute Specification has also been amended on page 13 to insert the element numbers h1, h3 and h4, which element numbers were added to Figs. 1 and 2A. In addition, claim 27 has been represented as claim 53, with amendments to distinguish it over the prior art. Claim 28 has been represented as claim 54 and is dependent on claim 53. A new claim 55 has been added and is dependent on claim 54. Claim 30 has been amended to be dependent upon claim 53. Claim 31 has been represented as claim 56 and is dependent on claim 53. Claim 32 has been amended to be dependent upon claim 53. Claim 33 has been amended to be dependent upon claim 56.

Claims 34, 35, 36 and 37 have all been amended to be dependent upon claim 53. Claim 38 has been amended to place it in independent form. Claim 40 has been amended to place it in independent form. Claim 41 has been amended to overcome the rejections under 35 USC 112. Claim 57, which is dependent upon claim 53, has been added. IN addition, new independent claims 58 and 59 have been added.

As mentioned above, it is respectfully submitted that the objections to the drawings and the Substitute Specification have been overcome.

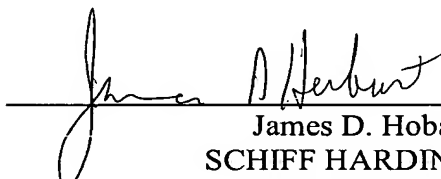
In applicants' invention, a depression, which is either formed by a recess, such as VT shown in Fig. 2B, which is provided in the substrate or is formed by a frame, such as RA placed on the substrate OS. This provides space between the surface of the chip having the component structures BS and the upper surface of the substrate, such as the portion OS shown in Fig. 2A. It is submitted that claim 53 and those claims dependent thereon are patentable over the teachings of Feiertag et al (WO 02/061833), since there is no depression formed in the carrier substrate of this reference. Since there is no depression, a hollow is not formed between the chip and the substrate in which the component structures can be arranged. It is submitted that there is no teaching or suggestion that forming this depression would be obvious to a person skilled in the art having the teachings of the reference. For these reasons, it is respectfully submitted that independent claim 53 and those claims dependent thereon, such as 30, 32-37 and 54-57 are allowable along with the allowable claims, such as 38-40.

It is respectfully submitted that since no prior art was applied against method claims 41-52 and in view of the amendments to claim 41 to overcome the rejection under 35 USC 112, second paragraph, that these claims are also patentable over the art of record and are allowable.

With regard to newly-presented independent claims 58 and 59, it is respectfully submitted that the art of record does not teach the structures recited therein and that these new claims are also allowable.

In view of the amendments and explanations contained hereinabove, it is respectfully submitted that this application is now in condition for immediate formal allowance and further reconsideration to that end is earnestly solicited.

Respectfully submitted,


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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on April 11, 2005.

James D. Hobart
Name of Applicants' Attorney


Signature

April 11, 2005
Date



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FIG 1

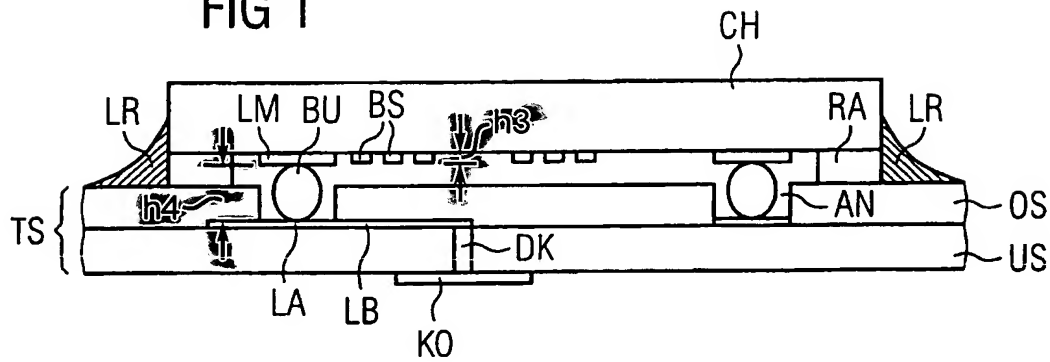


FIG 2A

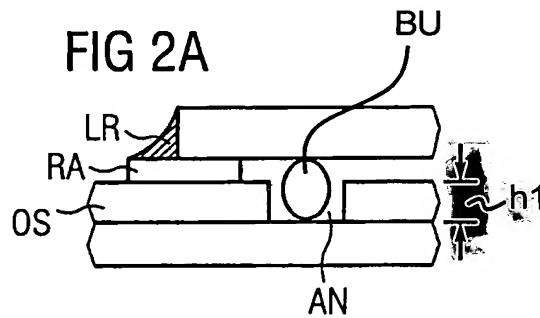


FIG 2B

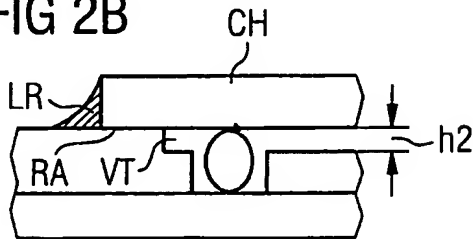


FIG 2C

